

506 up and down. As a result, the inclined long hole 512 relatively moves the Fresnel lens 504 back and forth through the anchor pin 508. The move direction of the anchor pin 508 is regulated by the horizontal long hole 510 made in the hold piece 509 of the front frame 505 and therefore the Fresnel lens 504 makes a back-and-forth horizontal move.

[0105] As the Fresnel lens 504 moves back and forth, the distance from the first liquid crystal panel 501 becomes relatively variable and the displayed symbols on the rotation reels 3L, 3C, and 3R of variable display means can be scaled up or down on the display screen 5a as shown in FIG. 40. By positioning the Fresnel lens 504 at the center as the standard position, as the Fresnel lens 504 is moved forward, the displayed symbols can be scaled up; as the Fresnel lens 504 is moved backward, the displayed symbols can be scaled down.

[0106] In the embodiment, the Fresnel lens 504 is disposed behind the first liquid crystal panel 501. However, as the Fresnel lens 504 is disposed in front of the first liquid crystal panel 501, it is made possible to scale up or down an image displayed by the first liquid crystal panel 501.

[0107] FIG. 41 shows a scaling mechanism section A according to another embodiment of the invention. A panel display unit 5 has a multi-layer structure including a first liquid crystal panel 501, a front frame 505, a Fresnel lens 504, a second liquid crystal panel 502, an acrylic plate 503, and a rear frame 506.

[0108] In the embodiment, as shown in the Figure, four bolt shafts M1' joined at base ends to a motor M' are disposed so as to pierce the rear frame 506 and on the other hand, a screw boss 521 provided on a lens frame 507 of the Fresnel lens 504 is screwed into each bolt shaft M1'. As the bolt shaft M1' rotates, the Fresnel lens 504 can be moved back and forth, and a spring 522 is placed between the lens frame 507 and the front frame 505. Numeral 523 denotes a spring disposing seat.

[0109] According to the configuration, as the motor M' is driven, the distance between the Fresnel lens 504 and the first liquid crystal panel 501 becomes relatively variable and still symbols displayed on rotation reels 3L, 3C, and 3R can be scaled up or down. Also in the embodiment, by positioning the Fresnel lens 504 at the center as the standard position, as the Fresnel lens 504 is moved forward, the displayed symbols can be scaled up; as the Fresnel lens 504 is moved backward, the displayed symbols can be scaled down.

[0110] A scaling mechanism section A shown in FIG. 42 will be discussed as still another embodiment of the invention. Also in the embodiment, a panel display unit 5 has a multi-layer structure including a first liquid crystal panel 501, a front frame 505, a Fresnel lens 504, a second liquid crystal panel 502, an acrylic plate 503, and a rear frame 506.

[0111] In the embodiment, as shown in the Figure, the front frame 505 and the rear frame 506 are joined by four connecting rods 525, and a lens frame 507 provided with an inch worm motor M" using a piezoelectric element is attached to the connecting rods 525.

[0112] According to the configuration, as the inch worm motor M" is driven, the Fresnel lens 504 can be moved back and forth together with the lens frame 507.

[0113] In the embodiments described above, the Fresnel lens 504 is used as one component of the scaling means, but a convex lens can also be used.

[0114] The convex lens is comparatively thick. Thus, in a case where the convex lens is used, it is preferable to adopt a configuration to produce scaled-up display in a spot-like manner.

[0115] As shown in FIG. 43, an arm 531 is joined through an inch worm motor M" to a shaft 530 placed between a front frame 505 and a rear frame 506 for rotation, and a spot convex lens 532 is provided at the tip of the arm 531. The shaft 530 is joined at the base end to a motor M' through a gear mechanism 533. In the Figure, numeral 534 denotes a bearing of the shaft 530.

[0116] According to the configuration, the spot convex lens 532 can be moved in parallel with panel display unit 5. The motor M' is drive as required and the spot convex lens 532 is rotated and moved in the area of display screen 5a and further the inch worm motor M" is driven as required, thereby moving the spot convex lens 532 back and forth, making it possible to produce scaled-up display in a spot-like manner under an appropriate magnification.

[0117] In the example shown in the Figure, the spot convex lens 532 is singly used. However, the spot convex lenses 532 can be provided in a one-to-one correspondence with a plurality of shafts 530 provided between the front frame 505 and the rear frame 506 for increasing the number of spots where scaled-up display can be produced.

[0118] The motors M and M' and the inch worm motor M" described above are controlled by a control signal from a microcomputer 40 (described later).

[0119] In the description of the configurations in the embodiments, the first and second liquid crystal panels 501 and 502 are used as the front display means. However, an EL (electro-luminescent) panels can also be used in place of the liquid crystal panels. In any way, to use such electronic displays, slim and compact display means can be formed and moving image display is made possible, making it possible to produce extensive information display.

[0120] Thus, in the embodiment, the panel display unit 5 is provided with the display scaling means, whereby it is made possible to scale up or down display of the necessary image and a stronger impact is given to the player; as the image is scaled up, and sharper display is produced. Therefore, the amusement of the gaming machine for the player to enjoy an effect image is still more enhanced, and it is made possible for the player to be satisfied with playing a game without getting tired of the game.

[0121] Further, as described above, by superposing the first and second liquid crystal panels 501 and 502 on each other and displaying the same images at the same positions of the first and second liquid crystal panels 501 and 502, the images overlap and can be displayed more clearly. Further, by displaying a different image on one liquid crystal panel, both images are displayed as they are combined and magical display is made possible. Specifically, while displaying character image and text information and further the pay lines, lamps, and display parts on the first liquid crystal panel 501, a background image can be displayed on the second liquid crystal panel 502. As the image on the other liquid